



Recycling Lines

Electronic Newsletter

November – December 2010

Virginia Department of Environmental Quality

P.O. Box 1105, Richmond, Virginia 23218 (804) 698-4029 Fax (804) 698-4224.

DEQ's Community Involvement Initiative: The Department of Environmental Quality is dedicated to helping the public better understand DEQ's role in protecting the environment, and to involving the public more effectively in environmental decision making.

Welcome to Recycling Lines. If you have suggestions on future topics for the newsletter, please send the information to Steve Coe at steve.coe@deq.virginia.gov.

Food Waste Diversion at Special Events

The NorthEast Recycling Council (NERC) has put together a manual and web page on food waste Diversion at Special Events. The guide includes 4 case studies of food waste collection at Special events and information on important topics such as Getting Started: Pre-Event Preparation, Implementing your Food Waste Management Plan, Working with Vendors/Concessionaires/Caterers, On-Site Collection System, Signage, where to Locate your Bin Stations, Collection Logistics, Staging Area, Staffing/Volunteers, Event Cleanup, Staff/Volunteer Training, Communication and Promotion. and much more

Check out the Guide at http://www.nerc.org/documents/guidance_for_special_event_food_waste_diversion.pdf

Mini-Movie on Reuse of Building Materials

Reuse It!, a 12 minute, fun and fast paced video highlighting the environmental and economic benefits of building materials reuse, can now be seen online at <http://www.reuseitnow.org>. The focus of the movie is on the state of Oregon, but the concepts and the donations to ReStores can be transferable to the Mid-Atlantic area.

New Multi-family Facility Recycling Toolkit

EPA Region 4's Materials Management Section, the Georgia Recycling Coalition, the Georgia Department of Community Affairs, and Keep Atlanta Beautiful recently produced "Building Multifamily Recycling Programs in Georgia." (see at www.epa.gov/region4/recycle)

The toolkit provides guidance, technical assistance, and resources for property managers and local government recycling managers who wish to increase recycling at multifamily complexes. While developed for the State of Georgia, the toolkit is transferrable to similar target audiences throughout the Southeast and beyond.

Did You Know?

- With the submittal of the 2009 Recycling Rate Reports, Virginia localities have been reporting on their recycling activities for 18 years.
- In 2009, Americans and the aluminum industry recycled nearly 55.5 billion aluminum cans, nearly 2.3 billion more than in 2008 for a recycling rate of 57.4% for this product.
- Landfilling of whole tires is prohibited in Virginia.

New CRT Glass Processing Market

ECS Refining and Dlubak Glass have created a new joint venture dubbed Regenesys Glass Processing. The new company will specifically process CRT glass, and will not impact the core businesses of ECS or Dlubak – e-scrap processing and metals refining, and glass processing, respectively – according to company spokespersons.

"CRT glass is a problem and it's being pulled into this new company to process directly," says Curt Spivey, VP of corporate development for ECS and the incoming general manager of Regenesys Glass Processing. "There are a lot of companies out there producing machines to separate panel and funnel glass, but that's just the start. Just because you separate panel and funnel doesn't mean you're done."

The new company, which says it will utilize proprietary, internally-developed separation and processing technology, is launching with three facilities in California, Texas and Ohio. Each stand-alone facility will sort and process CRT glass on site, although Spivey says oxides or hazardous materials may be shipped to ECS Refining Texas for smelting.

"We are working hard to provide a comprehensive alternative to export and we've already received a lot of interest," continues Spivey. "We're also looking at both R2 and e-Stewards and have begun the certification process. It's a lot easier when you're starting from a clean floor."

Each Regenesys processing facility has begun receiving material and the company hopes to be fully online by the end of the year. While not specific on CRT glass processing volumes, Regenesys Glass Processing anticipates each facility processing "several thousand tons per month."

Used Oil Recycling Day

Through the efforts of NORA and oil recycling companies, September 30th was celebrated as Oil Recycling Day. Delaware was the first state to proclaim the day as Used Oil Recycling Day in 2010. NORA's Oil Recycling Day effort is endorsed by:

- National Asphalt Pavement Association
- Automotive Oil Change Association
- Filter Manufacturers Council

2010 marks the second anniversary of this public service program produced by NORA, An Association of Responsible Recyclers.

When consumers, industry, recyclers and government work together, the volume of used oil that is responsibly recycled is maximized. The benefits of responsibly recycling used oil and related materials include:

- Conserving renewable resources
- Reducing Greenhouse gas emissions
- Lessening dependence on foreign oil/energy
- Protecting water quality

OilRecycling.org and Oil Recycling Day are produced by NORA. These programs provide the following information to consumers, industry and government officials:

- The importance of responsibly recycling used oil and related materials.
- What happens to used oil that is recycled.
- Resources for governments and institutions to promote all responsible oil recycling.
- Finding a responsible oil recycler (for commercial and consumers).
- Resources for educators to inform students about oil recycling.

Virginia's Used Oil Recycling Program is supported by jurisdictions and retailers, and information about the used oil recycling network in the Commonwealth can be found at DEQ's web site at <http://www.deq.virginia.gov/recycle/usedoil.html>.

Web Links of Interest

<http://www.shinglerecycling.org>

www.concreterecycling.org

www.drywallrecycling.org

<http://www.cdrecycling.org>

<http://www.reuseitnow.org>

<http://www.epa.gov/reg3wcmd/eCycling/index.htm>

<http://www.designforreuse.org>

Lowes Offers Recycling

Home improvement retailer Lowe's Companies Inc. said today it has installed recycling centers in nearly 1,700 U.S. stores to provide a one-stop recycling destination for customers.

In addition to recycling shipping materials such as pallets, wraps and cardboard, Lowe's stores are now offering to recycle hard-to-handle products like mobile phones, batteries and CFL bulbs.

"Lowe's is always looking for new and better ways to serve our customers and continue to be responsible stewards of the environment," said Michael Chenard, Lowe's director of environmental affairs. "Recycling is a simple way to help reduce unnecessary waste in our communities. The recycling centers make it easier for customers to make a difference, and we look forward to continuing to partner with them to promote and support community recycling."

Call2Recycle will handle phones and batteries collected through the recycling centers. The recycling centers will be provided at 1,700 U.S. retail locations.

Shingle Recycling, Virginia Report

C&D World magazine recently ran, over two issues, the entire report on shingle recycling from the Virginia Transportation Council. Part one of the article can be seen at <http://www.cdworldmag.com/index.php/features/185-tear-offs-in-asphalt-concrete.html>. The overall results can be viewed in the Sept/Oct issue of **C&D World**, the official publication of the Construction Materials Recycling Association at <http://www.shinglerecycling.org>. For more information about the Construction Materials Recycling Association visit <http://www.cdrecycling.org>.

Calendar of Events

November 4: VRA Membership Meeting/RMDC Meeting. Charlottesville Omni (www.vrarecycles.org)

November 7-11: SERDC's 2010 Conference, Point Clear, Alabama. (<http://serdc.org/events?eventId=138537&EventViewDetails>)

November 15: America/Virginia Recycles Day (www.americarecyclesday.org)

December 12-13: Green Living & Energy Expo, Roanoke (www.aecpes.org)

Disclaimer: Reference in this publication to any specific business, commercial product, process or service by trade name, trademark or otherwise does not constitute or imply endorsement, recommendation or favoring by the Virginia Department of Environmental Quality or any other state government agency.